String Manipulation

Sunday, August 15, 2021 4:13 PM

Built-In-Functions

① MID ("ABCDEFGH", 2, 3) Returns "BCD"

- String
- starting position.
- Length.

Question : Sven ALI WAJID " I want only Ali

- Space are to be considered

② Length ("Happy Days") 10

- returns integer value
- counts characters.

Question : 123YXWZ " Password, find the length of password.

③ LEFT ("ABCDEFGH", 3) = "ABC"

④ RIGHT ("ABCDEFGH", 3) = "FGH"

⑤ NUM-TO-STRING (87.5) = "87.5"

⑥ STRING-TO-NUM ("87.5") = 87.5

⑦ Int (35.43) = 35

OPERATORS

& : Concatenates (joins) two strings

Eg "Summer" & " " & "Pudding" = "Summer Pudding"

AND : Performs logical AND on two boolean values.

True = 1

False = 0

True = 1

False = 0

1 0 0

True AND False

OR : Performs logical OR on two boolean values.

(b) Program variables have values as follows:

Variable	Value
Title	"101 tricks with spaghetti"
Version	'C'
Author	"Eric Peapod"
PackSize	4
WeightEach	6.2
Paperback	TRUE

(i) Evaluate each expression in the following table.
If an expression is invalid, write ERROR.

For the built-in functions list, refer to the **Appendix** on page 16.

Expression	Evaluates to
`MID(Title, 5, 3) & RIGHT(Author, 3)`	
`INT(WeightEach * PackSize)`	
`PackSize >= 4 AND WeightEach < 6.2`	
`LEFT(Author, ASC(Version) - 65)`	
`RIGHT(Title, (LENGTH(Author) - 6))`	

[5]